Refine Search

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation. Search Results -

	Terms					
L16 and	d ((first\$ adj2 (process\$ or control\$)) same (second\$ adj2 (process\$ or control\$)))	2			
	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins L17 Recall Text Clear Interrup		주 ()			
	Search History	***************************************				
DATE:	Friday, April 14, 2006 Printable Copy Create Case					
Set Name side by side	Unierv	<u>lit</u> unt	Set Name result set			
DB=F $OP=OR$	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;					
<u>L17</u>	L16 and ((first\$ adj2 (process\$ or control\$)) same (second\$ adj2 (process\$ or control\$)))	2	<u>L17</u>			
<u>L16</u>	113 or L15	12	<u>L16</u>			

L10 and ((cash\$ near2 register\$) or "cash-register" or cashier)

L11 and ((first\$ adj2 (process\$ or control\$)) same (second\$ adj2

L10 AND (PoS\$ or "Point of Sale" or "Point-of-Sale")

(process\$ or control\$)))

L10 and (cash\$ near2 register\$)

L15

L14

L13

<u>L12</u>

<u>L11</u>

<u>L10</u>

111 or L13

L7 or L8 or L9

9

12

8

2

9

21

<u>L15</u>

<u>L14</u>

<u>L13</u>

<u>L12</u>

<u>L11</u>

<u>L10</u>

DB=U	JSPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L9</u>	(5256863 5471669 4882675 5047614 5490060 5192854 4674041)! [PN]	7	<u>L9</u>
DB=F	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP = OR			
<u>L8</u>	('5884278' 'US 5884278A') [ABPN1,NRPN,PN,TBAN,WKU]	2	<u>L8</u>
<u>L7</u>	('5884278' 'US 5884278A')[URPN]	12	<u>L7</u>
<u>L6</u>	5884278.pn.	2	<u>L6</u>
DB=F	PGPB, USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L5</u>	L1 and (ratio same rpm)	5	<u>L5</u>
<u>L4</u>	L1 and (ratio with rpm)	2	<u>L4</u>
<u>L3</u>	L2 and l1	2	<u>L3</u>
<u>L2</u>	701/34.ccls.	261	<u>L2</u>
Ll	(SIGNAL\$ near2 qualit\$) and (speed\$ near2 sens\$)	434	T.1

END OF SEARCH HISTORY

two processors in each register station

Full Title Citation Front Review Classification Date Reference **Sequences Attachments** Claims KWIC Draw. De

☐ 4. Document ID: US 6450407 B1

L16: Entry 4 of 12

File: USPT

Sep 17, 2002

US-PAT-NO: 6450407

DOCUMENT-IDENTIFIER: US 6450407 B1

** See image for Certificate of Correction **

TITLE: Chip card rebate system

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De

5. Document ID: US 6415341 B1

L16: Entry 5 of 12

File: USPT

Jul 2, 2002

US-PAT-NO: 6415341

DOCUMENT-IDENTIFIER: US 6415341 B1

TITLE: Point-of-sale terminal adapter

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw, De

1. 0. Document 1D. 03 0041309 A

L16: Entry 6 of 12

File: USPT

Mar 21, 2000

US-PAT-NO: 6041309

DOCUMENT-IDENTIFIER: US 6041309 A

TITLE: Method of and system for distributing and redeeming electronic coupons

Full Title Citation Front Review Classification Date Reference Sequences Affections Claims KMC Draw De

☐ 7. Document ID: US 5884278 A

L16: Entry 7 of 12

File: USPT

Mar 16, 1999

US-PAT-NO: <u>5884278</u>

DOCUMENT-IDENTIFIER: US 5884278 A

TITLE: Retail store and method employing multiple network interfaces at each <u>cash</u> <u>register</u>, and receiving signals from portable cards at each cash <u>register</u>

Full Title Citation Front Review Classification Date Reference **Sequences Attachneris** Claims KWIC Draw Do

□ 8. Document ID: US 5490060 A

L16: Entry 8 of 12

File: USPT

Feb 6, 1996

US-PAT-NO: 5490060

DOCUMENT-IDENTIFIER: US 5490060 A

TITLE: Passive data collection system for market research data

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw, De

☐ 9. Document ID: US 5471669 A

L16: Entry 9 of 12

File: USPT

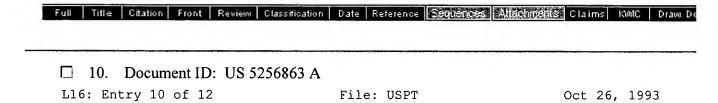
Nov 28, 1995

US-PAT-NO: 5471669

DOCUMENT-IDENTIFIER: US 5471669 A

** See image for Reexamination Certificate **

TITLE: Coupon savings account system

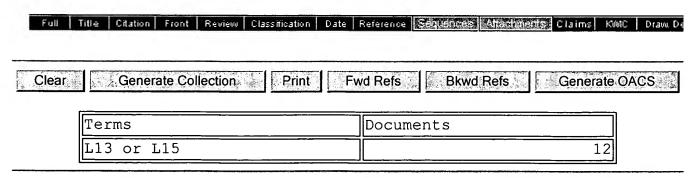


US-PAT-NO: 5256863

DOCUMENT-IDENTIFIER: US 5256863 A

** See image for Certificate of Correction **

TITLE: In-store universal control system



Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit Clear Generate Collection Print Fwd Refs Bkwd Refs

Generate OACS

Search Results - Record(s) 11 through 12 of 12 returned.

☐ 11. Document ID: US 5192854 A

Using default format because multiple data bases are involved.

L16: Entry 11 of 12

File: USPT

Mar 9, 1993

US-PAT-NO: 5192854

DOCUMENT-IDENTIFIER: US 5192854 A

TITLE: System for electronically recording and redeeming coupons

DATE-ISSUED: March 9, 1993

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

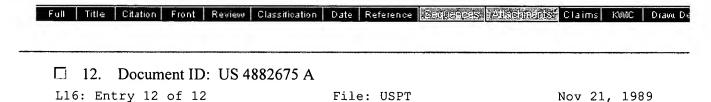
Counts; Reginald D.

St. Louis

MO

63146

US-CL-CURRENT: 235/375; 235/381

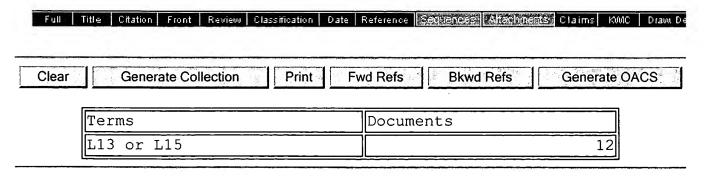


US-PAT-NO: 4882675

DOCUMENT-IDENTIFIER: US 4882675 A

 ${\tt TITLE:} \ \ {\tt Paperless} \ \ {\tt system} \ \ {\tt for} \ \ {\tt distributing,} \ \ {\tt redeeming} \ \ {\tt and} \ \ {\tt clearing} \ \ {\tt merchandise}$

coupons



Hit List

First Hit Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS

Search Results - Record(s) 1 through 10 of 12 returned.

☐ 1. Document ID: US 6920611 B1

Using default format because multiple data bases are involved.

L16: Entry 1 of 12

File: USPT

Jul 19, 2005

US-PAT-NO: 6920611

DOCUMENT-IDENTIFIER: US 6920611 B1

TITLE: Method and system for implementing a loyalty merchant component

DATE-ISSUED: July 19, 2005

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Spaeth; Paul Half Moon Bay CA
Jones; Douglas San Francisco CA
Creighton; Adam Round Rock TX

US-CL-CURRENT: 715/700; 705/14, 705/39, 715/745, 718/101

Full Title Citation Front Review Classification Date Reference Segments Alfabricas Claims KWIC Draw. De

File: USPT

US-PAT-NO: 6885994

DOCUMENT-IDENTIFIER: US 6885994 B1

TITLE: System and method for providing shopping aids and incentives to customers

through a computer network

L16: Entry 2 of 12

Full Title Citation Front Review Classification Date Reference Courter State Claims KMC Draw De

☐ 3. Document ID: US 6456980 B1

L16: Entry 3 of 12

File: USPT

Sep 24, 2002

Apr 26, 2005

US-PAT-NO: 6456980

DOCUMENT-IDENTIFIER: US 6456980 B1

TITLE: Transaction systems and methods sending product identification signals to

Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Clear Generate Collection Print **Fwd Refs Bkwd Refs** Generate OACS

Search Results - Record(s) 1 through 2 of 2 returned.

☐ 1. Document ID: US 6456980 B1

Using default format because multiple data bases are involved.

L17: Entry 1 of 2

File: USPT

Sep 24, 2002

US-PAT-NO: 6456980

DOCUMENT-IDENTIFIER: US 6456980 B1

TITLE: Transaction systems and methods sending product identification signals to

two processors in each register station

DATE-ISSUED: September 24, 2002

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Mar 16, 1999

Powell; Ken R.

Athens

GA

US-CL-CURRENT: <u>705/14</u>; <u>235/2</u>, <u>235/375</u>, <u>235/378</u>, 235/383, 700/231, 705/1, 705/10,

705/16, 705/400

Full Title Citation Front Review Classification Date Reference Sequences Allocking its Claims KMC Draw, De ☐ 2. Document ID: US 5884278 A

File: USPT

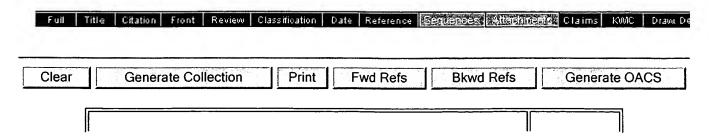
US-PAT-NO: 5884278

L17: Entry 2 of 2

DOCUMENT-IDENTIFIER: US 5884278 A

TITLE: Retail store and method employing multiple network interfaces at each cash

register, and receiving signals from portable cards at each cash register



Terms	Documents
L16 and ((first\$ adj2 (process\$ or control\$))	2
<pre>same (second\$ adj2 (process\$ or control\$)))</pre>	

Display Format: -Change Format

Previous Page Next Page Go to Doc# SHOW FILES
File 248:PIRA 1975-2006/Mar W3

(c) 2006 Pira International
File 716:Daily News Of L.A. 1989-2006/Apr 12

(c) 2006 Daily News of Los Angeles
File 758:Asia/Pac Directory 2002/Oct

(c) 2002 Dialog

Set	Items	Description
S1	19	POS? AND "CASH REGISTER"
S2	19	RD (unique items)
s3	1	S2 AND PD<=990429
2		

2/3,KWIC/1 (Item 1 from file: 248)

DIALOG(R) File 248: PIRA

(c) 2006 Pira International. All rts. reserv.

00071168 Pira Acc. Num.: 3690610 Pira Abstract Numbers: 22-80-00610

Title: COMPUTERS IN RETAILING

Authors: MacFarlane S J

Source: COMPUT. J. ABSTR.; CAN. DATA SYST. vol 12 no 5 May 1980 pp@29 31

33 35 37; Comput J Abstr 27 June 1980 p 488 (SS)

Publication Year: 1980

Document Type: Journal Article

Language: unspecified

Abstract: Electronic point-of-sale (POS) terminals are becoming increasingly popular in retailing due to factors like the disappearance of alternative...

...such as the use of electronic cash registers as a front end for a full POS system in the future, the role of credit cards and electronic funds transfer, alternative scanning systems, the particular problems of implementing POS in speciality stores, and the recent development of highly intelligent POS terminals.

Descriptors: CASH REGISTER ...

2/3, KWIC/2 (Item 2 from file: 248)

DIALOG(R) File 248: PIRA

(c) 2006 Pira International. All rts. reserv.

00053816 Pira Acc. Num.: 3930862 Pira Abstract Numbers: 03-81-00862

Title: Scanning and coding: the pace quickens

Authors: Wilson R H

Source: I.G.D. MARK. PLACE vol. 2, no. 2, Mar./Apr. 1981, pp 34[136

ISSN: 000-1213

Publication Year: 1981

Document Type: Journal Article

Language: English

...Abstract: register systems, some European countries are fast moving in the same direction. The current UK position is reviewed, the points considered including the aesthetics of the bar code, check-out benefits...

... Descriptors: CASH REGISTER ...

... POSITION ;

2/3,KWIC/3 (Item 1 from file: 716)

DIALOG(R) File 716: Daily News Of L.A.

(c) 2006 Daily News of Los Angeles. All rts. reserv.

06508121

COMPUTER TO REPLACE 7,000 JOBS AT SEARS

Daily News of Los Angeles (CA) - WEDNESDAY January 8, 1992

By: Herbert G. McCann Associated Press

Edition: Valley Section: BUSINESS Page: B1

Word Count: 539

 \dots eliminate about 1,000 full-time customer service and about 5,900 part-time clerical positions by the end of the first quarter in March, a Sears spokesman said.

"We do expect to transfer almost all of these employees to other positions in the company that are currently vacant, or to jobs that will open up due... DESCRIPTORS: COMPUTER; TECHNOLOGY; SEARS ROEBUCK; RETAIL INDUSTRY; EMPLOYEE; CASH REGISTER; STATISTIC; LAYOFF 2/3,KWIC/4 (Item 1 from file: 758) DIALOG(R) File 758: Asia/Pac Directory (c) 2002 Dialog. All rts. reserv. 00572122 CHINA HUAXU GOLDEN CARD CO., LTD. 3/F, Wangjing Building, No.9, Nanlu, Wangjing Zhonghuan, Chaoyang Qu, Beijing, China. 100102 COUNTRY: China INCORPORATION DATE: 199502 TELEPHONE: 010-64369988-111,316 FAX: 64319163 SIC CODE(S): 3577 3578 7372 3589 3579 3825 2759 3575 3571 3429 7373 MANAGEMENT: General Manager: Yu Li FINANCIALS: Registered Capital (Renminbi(RMB)): 4000 (00) SOURCE: Chinese Major Enterprises Database DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English DATE OF LATEST RECORD UPDATE: October 2002 Copyright (c) 2002 Wanfang Data Corporation. All rights reserved. DESCRIPTION OF BUSINESS: ... POS machine Specification or Model... ... Cash register POS machine...

... Cash register ...

2/3,KWIC/6 (Item 3 from file: 758)
DIALOG(R)File 758:Asia/Pac Directory

... Cash register ...

... POS machine...

... Cash register

(c) 2002 Dialog. All rts. reserv. 00571306 POSIFLEX ELECTRONIC (BEIJING) CO., LTD No.129, Xuanwumen Street(W), Xicheng District, Beijing, China. 100031 COUNTRY: China INCORPORATION DATE: 1997 TELEPHONE: 010-66410113,66410114,66410115 66410115 FAX: SIC CODE(S): 3651 3578 3826 3577 3971 MANAGEMENT: Legal Person: Cheh Maoqiang FINANCIALS: Registered Capital (Renminbi(RMB)): 207 (00) Right to Import/Export: YES SOURCE: Chinese Major Enterprises Database DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English DATE OF LATEST RECORD UPDATE: October 2002 Copyright (c) 2002 Wanfang Data Corporation. All rights reserved. POSIFLEX ELECTRONIC (BEIJING) CO., LTD DESCRIPTION OF BUSINESS: ... Cash register Cash register 2/3,KWIC/7 (Item 4 from file: 758) DIALOG(R) File 758: Asia/Pac Directory (c) 2002 Dialog. All rts. reserv. 00548569 NORTH HUAXU GOLDEN CARD ELECTRONIC (GROUP) CO LTD 4, Shichang Street, New & Hi-tech Development Zone, Daqing, Heilongjiang, China. 163316 COUNTRY: China INCORPORATION DATE: 199605 TELEPHONE: 0459-3600737,6282994,6282734 FAX: 6281274 SIC CODE(S): 3577

```
3661
  2657
  3429
  3575
  3579
  3578
  3824
  3675
  3571
  3825
  7372
MANAGEMENT:
  General Manager, Legal Person:
               Wang Hongfang
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
          1478 (01)
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ...IC CARD POS
 Specification or Model...
... Cash register ...
... Cash register
  2/3,KWIC/8
                 (Item 5 from file: 758)
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00545341
 SHENYANG CHINETEK GROUP
No.103, Wencui Road, Shenyang, Liaoning, China. 110015
COUNTRY: China
INCORPORATION DATE: 1992
TELEPHONE: 024-24228583,24228578,24228870
FAX:
           24228397,24228414,23896414
SIC CODE(S):
  3692
  3579
  3842
  3651
  3577
  3829
  7372
  3635
  3999
```

3596

```
3429
  3691
  3578
MANAGEMENT:
  General Manager:
             Liu Yichun
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
          3,000
  Sales (Renminbi(RMB)):
          8,000
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... POS in dining-hall
 Specification or Model...
... Cash register ...
... Cash register
  2/3,KWIC/9
                 (Item 6 from file: 758)
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00534821
 BEIJING SHANGRONG ELECTRONIC MACHINERY CO., LTD
10/F, North Office Building, Xinshijie Zhongxin, 3B, Chongwenmen Wai Dajie,
Beijing, China. 100062
COUNTRY: China
INCORPORATION DATE: 199409
TELEPHONE: 010-67081024-1033
FAX:
            67081034
SIC CODE(S):
  3596
  3577
  7372
  3575
  367
  358
  3578
FINANCIALS:
  Sales (Renminbi(RMB)):
          651.9
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
```

3823

```
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... ESE POS front-counter selling system
 Specification or Model...
... Cash register
  2/3,KWIC/10
               (Item 7 from file: 758)
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00534820
 CHINETEK TECHNOLOGY DEVELOPMENT CO., LTD.
No.118, Zhichun Road, Haidian District, Beijing, China. 100086
COUNTRY: China
INCORPORATION DATE: 1993
TELEPHONE: 010-62630718
FAX:
           68964380
SIC CODE(S):
  3577
  3824
  3578
  3575
  7372
  3571
  3429
  3829
  3579
MANAGEMENT:
  General Manager:
              Jin Chunhong
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
         1000(00)
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ...Commerce pos system
 Specification or Model...
... Cash register
  2/3, KWIC/11 (Item 8 from file: 758)
DIALOG(R) File 758: Asia/Pac Directory
```

(c) 2002 Dialog. All rts. reserv.

```
00532143
 SHAOGUAN ELITE ELECTRONIC CO., LTD.
Xihe West-industrial Road, Shaoguan, Guangdong, China. 512028
COUNTRY: China
INCORPORATION DATE: 19910723
TELEPHONE: 0751-8769927,8769700,8631514
           8769700
FAX:
           Cable Number: 6082
TELEX:
SIC CODE(S):
  3577
  7372
  3579
  3578
MANAGEMENT:
  General Manager:
               Chen Daiquan
   Director:
               Liu Henqi President
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
          2100(00)
  Sales (Renminbi(RMB)):
          2,000
  Profits (Renminbi(RMB)):
        . 15
  Foriegn Earnings (U.S. Dollars):
         100
  Right to Import/Export:
         YES
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... POS systems
 Specification or Model...
... Cash register
                 (Item 9 from file: 758)
  2/3,KWIC/12
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00531563
BEIJING CHAOQIAN ELECTRONIC CO. BEIJING CHAOQIAN ELECTRONIC INSTRUMENT CO.
Hi-Tech. Park, Changping Qu, Beijing, China. 102200
COUNTRY: China
INCORPORATION DATE: 1980
TELEPHONE: 010-60772418,60771724,60771786
```

```
60771786
FAX:
            Cable Number: 9741
TELEX:
SIC CODE(S):
  3829
  3589
  3669
  3826
  3575
  3824
  3823
  3578
  3661
  7372
  3647
  3663
  3993
  3446
  3651
MANAGEMENT:
  General Manager:
               Li Lunxiu
FINANCIALS:
  Sales (Renminbi(RMB)):
          305
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... Fence and post
 Specification or Model...
... Cash register ...
... Fence and post; ...
... Cash register ...
... Fence and post;
                  (Item 10 from file: 758)
  2/3,KWIC/13
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00528736
 SHANGHAI TERAOKA ELECTRONIC CO., LTD.
        Industrial
                       Development Area, Jinshan District,
                                                               Jinshan Qu,
Shanghai, China. 200540
COUNTRY: China
INCORPORATION DATE: 1992
```

TELEPHONE: 021-57234888,57234000,57233049,64692378

```
SIC CODE(S):
  3577
  3565
  3596
  3578
  3679
  3821
  3829
  3581
  367
  38
MANAGEMENT:
  General Manager:
              Shi Guoxing
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
          2304(00)
  Sales (Renminbi(RMB)):
          12,000
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... Post and telecommunication weigher
 Specification or Model...
... Cash register ...
... Cash register
                 (Item 11 from file: 758)
  2/3,KWIC/14
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00528553
 BEIJING YIDA SHIJI SCI-TECH CO LTD
No.5, Dahuisi Road, Haidian District, Beijing, China. 100081
COUNTRY: China
INCORPORATION DATE: 1990
TELEPHONE: 010-62175740,62175741,62174080
            66801039
FAX:
SIC CODE(S):
  7372
  3578
  3577
  3589
```

57233049, 57234090, 57234891

FAX:

7373

```
MANAGEMENT:
  General Manager:
              Fu Changzhen
FINANCIALS:
  Sales (Renminbi(RMB)):
          1800(00)
  Right to Import/Export:
          NO
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE:
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... POS machine
 Specification or Model...
... Cash register ...
... POS machine...
... Cash register ...
... POS machine
              (Item 12 from file: 758)
  2/3,KWIC/15
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00523914
 HARBIN LINES TECHNOLOGY CO., LTD.
No.1, Xuefu Road, Nangang District, Nangang Qu, Harbin, Heilongjiang,
China. 150080
COUNTRY: China
INCORPORATION DATE: 1993
TELEPHONE: 0451-6660042,6662765,6660043
            6660045
FAX:
           Cable Number: 1717
TELEX:
SIC CODE(S):
  367
  3577
  7372
  3823
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  3499
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  3484
  2621
  3955
```

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2759
  3565
  3571
  3971
  3549
  3951
MANAGEMENT:
  General Manager:
               Zhang Qihe
   Director:
               Cai Jinhong
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
          1,080
  Sales (Renminbi(RMB)):
          800
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... Postal and telecommunications service information automatic
 Specification or Model...
... Cash register ...
... Cash register
                  (Item 13 from file: 758)
  2/3,KWIC/16
DIALOG(R) File 758: Asia/Pac Directory
(c) 2002 Dialog. All rts. reserv.
00520257
 XIAMEN SITONG ELECTRONIC CO LTD
Guangyelou, Torch New and Hi-Tech Development Zone, Xiamen, Fujian, China.
361006
COUNTRY: China
INCORPORATION DATE: 19880430
TELEPHONE: 0592-2219330
FAX:
            2219330
SIC CODE(S):
  7372
  3643
  3571
  3578
  3555
  364
```

3873

```
MANAGEMENT:
  General Manager:
              You Xiwei
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
          205
  Sales (Renminbi(RMB)):
          6,000
  Profits (Renminbi(RMB)):
          650
  Right to Import/Export:
          NO
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... POS systems
 Computer application software...
... Cash register ...
... Cash register
  2/3, KWIC/17 (Item 14 from file: 758)
DIALOG(R) File 758: Asia/Pac Directory
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00518570
 BEIJING GRAND ELECTRONICS INC
302 Shi, Kemao Zhongxin, A 33, Zhongguancun Nan Dajie, Haidian Qu, Beijing,
China. 100081
COUNTRY: China
INCORPORATION DATE: 199510
TELEPHONE: 010-68450264,68450265,68420545-225
FAX:
           68420538
TELEX:
         Cable Number: 2971
SIC CODE(S):
  3823
  3577
  3571
  7372
  3695
  3669
  3578
  3845
MANAGEMENT:
  President:
               Chen Kebing
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
```

```
3,383
  Sales (Renminbi(RMB)):
         3,144
  Profits (Renminbi(RMB)):
         584
  Right to Import/Export:
         YES
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
 ... POS terminal printer
 Specification or Model...
... Cash register ...
... Cash register
                 (Item 15 from file: 758)
 2/3,KWIC/18
DIALOG(R) File 758: Asia/Pac Directory
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00518201
XI'AN HIGHWAY INSTITUTE
24, Wenyi Road(S), Xi'an, Shaanxi, China. 710054
COUNTRY: China
TELEPHONE: 029-7811514-295,7811147
           7897866
FAX:
          Cable Number: 5050
TELEX:
SIC CODE(S):
  3651
  3531
  3569
  3669
  3829
  2843
  3446
  3578
MANAGEMENT:
  Director:
               Zhao Chengbin
SOURCE: Chinese Major Enterprises Database
DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English
DATE OF LATEST RECORD UPDATE: October 2002
         Copyright (c) 2002 Wanfang Data Corporation. All rights reserved.
DESCRIPTION OF BUSINESS:
```

... Fence and post; ...

```
... Fence and post;
...Cash register
 2/3,KWIC/19
                  (Item 16 from file: 758)
DIALOG(R) File 758: Asia/Pac Directory
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00514296
HUNAN COMPUTER CO., LTD.
161 Yuhua Road, Changsha, Hunan, China. 410007
COUNTRY: China
INCORPORATION DATE: 1969
TELEPHONE: 0731-5559784,5559712,5559794,5554610
            5553587, 5555965, 5533193
TELEX:
            Cable Number: 1813
SIC CODE(S):
  3575
  3651
  3578
  3829
  3577
  3822
  2429
  3661
  3571
  3596
  7372
  7373
  3691
  3692
  3679
  3971
  367
  3663
  3579
  366
  3599
  3429
  3823
  3672
MANAGEMENT:
  Legal Person, President:
              Yang Dequan
FINANCIALS:
  Registered Capital (Renminbi(RMB)):
          4,170
  Sales (Renminbi(RMB)):
          70695.59(00)
  Profits (Renminbi(RMB)):
          6419.59(00)
  Foriegn Earnings (U.S. Dollars):
          1,000
```

SOURCE: Chinese Major Enterprises Database

DOCUMENT TYPE: Directory JOURNAL CODE: CMEDB LANGUAGE: English

DATE OF LATEST RECORD UPDATE: October 2002

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DESCRIPTION OF BUSINESS:

...Finance POS system Specification or Model...

... Cash register ...

... Cash register

?